

Los Alamos
Management
 National Laboratory

TA-53 Facility

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TA-53 POLICY STATEMENT 114-01

October 1, 1994

TA-53 FACILITY RISK MANAGEMENT

1.0 Purpose

This policy establishes minimum requirements for risk management at TA-53 facilities. It supplements Director's Policy 114, "Operational Risk Management."

2.0 Policy

2.1 All hazardous activities at TA-53 will be planned and conducted in a manner that considers and minimizes the risks of harm to personnel and damage to the environment or government property. Risks will be minimized through:

- the systematic evaluation of hazards; and
- a graded approach to hazard controls based on accident consequence and probability, and the complexity, scale, and technological maturity of the activity under consideration.

2.2 The evaluation of hazards will be conducted at the facility level through a formal safety assessment that serves as the basis for operation of the facility. Examples are preliminary hazard analysis, safety assessment document, and safety analysis report. Facility hazard evaluation shall include both the impact of activities within the facility and considerations inherent in the facility, such as ventilation, shielding, and the effect of natural phenomena. An accelerator facility is defined by DOE 5480.25; facilities for non-accelerator experiments are considered analogous and may or may not be contiguous with individual buildings.

2.3 Evaluation of smaller-scale activities within facilities, such as individual experiments, may be accomplished through SOPs or documented hazard assessments. User experiments shall reviewed and approved through formal processes at each user facility. Any potential impacts on facility safety or safety envelopes must be coordinated with the TA-53 Facility Manager.

2.4 New experiments and facilities or modifications that affect safety shall commence only after adequate review and a finding of acceptable risk. The activity approval process is addressed in 53FMP 114-01.01, "ES&H Review of Experimental Activities and Development Tests," DOE 5480.25, "Safety of Accelerator Facilities," and other applicable requirements. For activities governed only by SOPs, the activity may proceed after approval of the SOP by group line management.

2.5 Activities shall be conducted only within documented and approved safety parameters. Examples are an accelerator safety envelope as defined by DOE 5480.25 and the restrictions imposed by an SOP. Violation of an approved safety envelope shall be cause for cessation of the activity and reporting to DOE.

2.6 The risk management process at the facility level is the responsibility of the TA-53 Facility Manager. Risk management activities such as planning for future programs or facilities, safety reviews, and preparation of safety assessment documentation must be coordinated with the Facility Manager or Facility Management ES&H Team Leader. Line management is

responsible for risk management of activities that do not affect facility safety or established safety envelopes.

2.7 Employees, contractors, and visitors shall be informed of the risks associated with hazardous activities that affect them and shall be appropriately trained. Training shall be provided to ensure that personnel are aware of the general hazards and precautions to be followed at TA-53.

3.0 Responsibilities

Also see 53FMP 114-01.01

Line Manager	<ul style="list-style-type: none"> ¥Perform hazard evaluations for activities within facilities ¥Control hazards within facilities ¥Conduct activities within approved safety parameters ¥Coordinate facility-related risk management activities with Facility Manager ¥Inform personnel of risks associated with hazardous activities and arrange for appropriate training
TA-53 Facility Manager	<ul style="list-style-type: none"> ¥Implement TA-53 facility risk management process ¥Perform facility hazard evaluations and safety reviews ¥Provide site training on TA-53 hazards and precautions

APPROVED: _____
 TA-53 Facility Manager Date

TA-53 Landlord

Date